

**National Aeronautics and Space Administration  
Dryden Flight Research Center  
Edwards, California 93523**

**Justification for other than Full and Open Competition (JOFOC)  
Brand Name Justification**

1. In accordance with FAR 11.105 & PIC 05-10, this document is a JOFOC/Brand Name Justification prepared by the NASA Dryden Flight Research Center (DFRC). We recommend that the Government acquire the goods described below on a name brand basis.

2. **Nature and/or description of the action being approved.**

This justification provides the rationale for restricting consideration to companies that can provide name brand Systron Donner or equal product for the acquisition of MotionPak Sensors.

3. **A description of the supplies or services required to meet the agency's needs (including the estimated value):**

1. Qty 3, MotionPak Sensor to include the salient characteristics:

1. Compact, fully self-contained rugged package
2. Internal power regulations and Signal conditioning electronics
3. Solid State Sensors, this is essential for flight test
4. Fast startup, 1.0 second
5. Customized Axes configuration, Rate: 100deg/sec, Acceleration: +/- 5g (for all three axes)
6. High G Sensitivity <0.02degree/sec/g
7. Operating Temp: -40C to 80C
8. Good environmental Specifications (vibration, shock etc.)

Estimated value \$15,159.00 x 3 units = \$45,477.00

4. **Acquisition conducted under authority of the test program for commercial items (section 4202 of the Clinger-Cohen Act of 1996)**

5. **A demonstration that the proposed contractor's unique qualifications or the nature of the acquisition requires use of the authority cited.**

NASA has a need for qty 3, MotionPak sensors for the G-3/ 804 SCRAT project for measuring the aircraft angular rates and the linear accelerations.

- 6. A description of efforts made to ensure that offers are solicited from as many potential sources as is practicable, including whether a notice was or will be publicized as required by Subpart 5.2 and, if not which exception under 5.202 applies.**

The above listed requirement will be posted on NAIS/Fed Biz Opps for 15 days full and open competition as suggested by the Small Business Specialist, Robert Medina.

- 7. A determination by the contracting officer that the anticipated cost to the Government will be fair and reasonable.**

A market research quote was requested by the requestor, Richard Hang, and he determined that for the type of technology that is requested and through knowledge of previous orders, that it was a fair and reasonable price. As Contracting Officer, I agree with Mr. Hang's assessment and believe the price for this acquisition to be fair and reasonable.

- 8. A description of the market research conducted (see Part 10) and the results or a statement of the reason market research was not conducted.**

Market research was performed via Google and it was found that because this is ITAR technology, that the only US company that carries the MotionPak Sensors was Systron Donner.

- 9. Any other facts supporting the use of other than full and open competition, such as:**

Full and open competition will be used.

- 10. A listing of the sources, if any, that expressed, in writing, an interest in the acquisition.**

The manufacture of the MotionPak, Systron Donner, submitted a quote as part of the market research phase.

- 11. A statement of the actions, if any, the agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required.**

NASA-DFRC will try to remove any barriers to competition for future acquisitions of this nature to the maximum extent possible through the use of specifications that are as broad as possible without affecting the integrity of the data acquisitions system or aircraft.

- 12. Contracting officer certification that the justification is accurate and complete to the best of the contracting officer's knowledge and belief.**

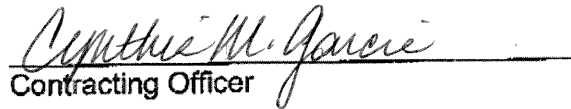
Technical Officer: I certify that the supporting data presented in this justification are accurate and complete.

  
Contracting Officer Technical Representative

4/19/10  
Date

Contracting Officer:

APPROVED:

  
Contracting Officer

4/19/10  
Date